

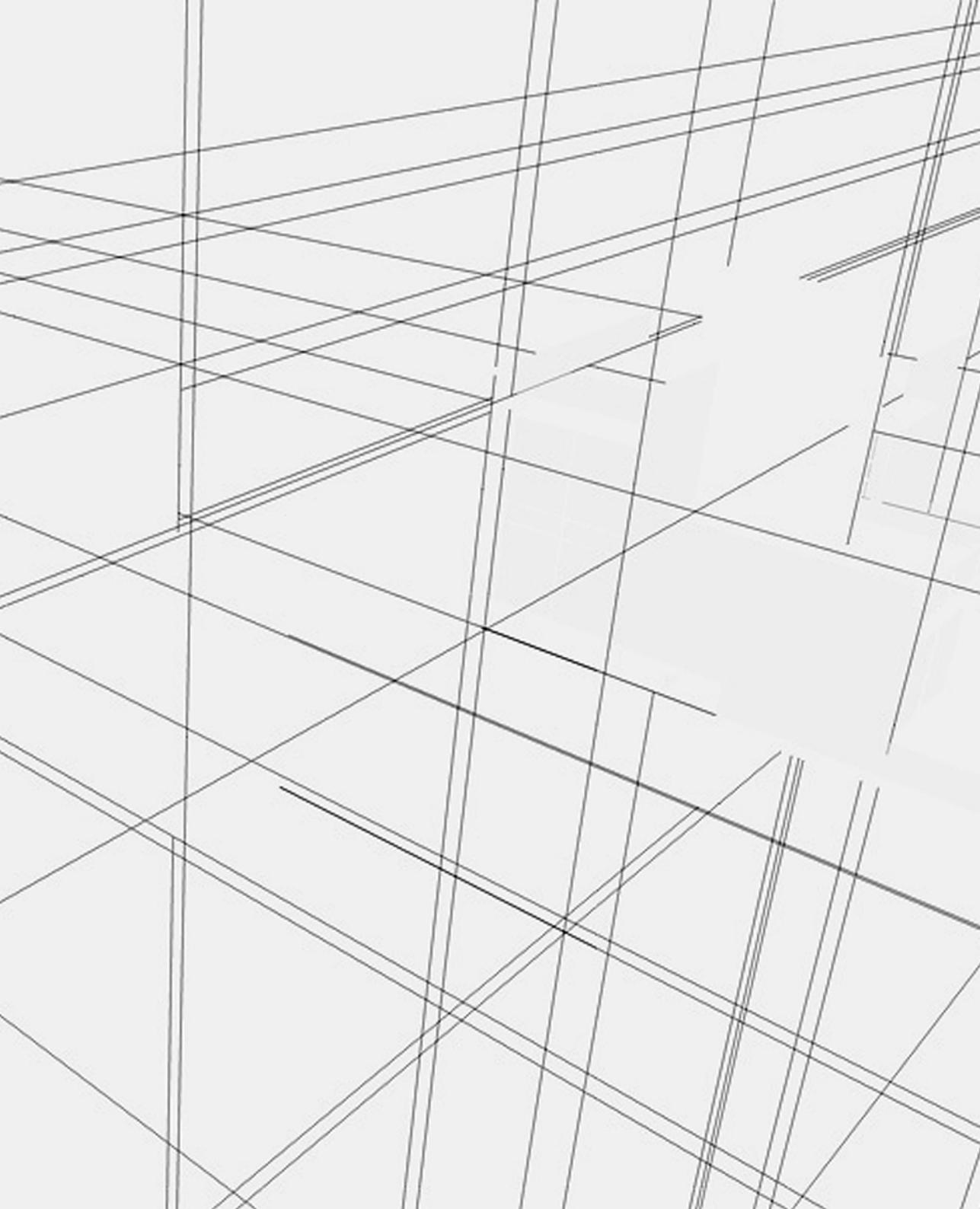


MOHAMMED AMIN AL-HAGRACY

ARCHITECTURAL DESIGN PORTOFOLIO

2020  
09 16

Arch. Mohammed Amin Ali Al-Hagracy Architectural and Interior Designer  
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## ARCHITECTURAL

	MOE - Mall of Egypt
	Vertical Farm ( Conceptual Design )
	Hotel Tower ( Conceptual Design )
	CDC - Community Development Center ( Conceptual Design )
	Makro Cash & Carry Egypt
	Embassy of The Republic of Indonesia

## COMMERCIAL

	KIA MOTORS Exhibition
	Yasser Arafat Musem
	Health Care Medical Center
	OB&GYN / Examination Area
	The Yellow Chilli Restaurant
	Watanya Gas Station Convenience Store

## RESIDENTIAL

	Private House - 6th of October
	Private House - Katameya Heights
	Private House - The Lake View
	Private House - European Reef

## INTERIOR DESIGN

	Variety of Interior Designs for Various Spaces
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ARCHITECTURAL



# MOE - MALL OF EGYPT

SHOPPING MALL  
6th of October



**MÄJID AL FUTTAIM**  
مَجِدُ الْفُطَّامِ

## ABOUT

Mall of Egypt will be built on two floors over 440,000 m<sup>2</sup>. It also have, for the first time in Africa, a Ski Slope over a quarter of a kilometre long. And, there will be 4D cinema screens.

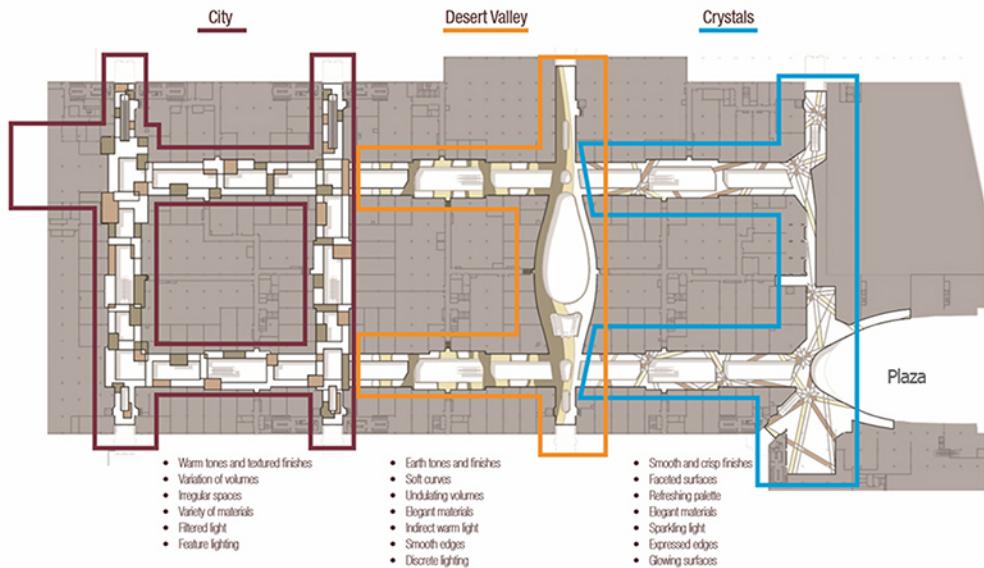
**RTKL**

INTERNATIONAL CONSULTANT

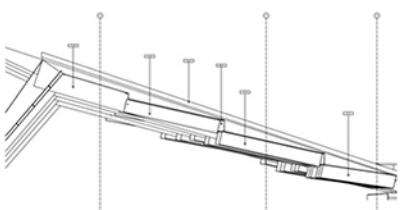
**rmc** raafat.miller.consulting  
architects & engineers

LOCAL CONSULTANT

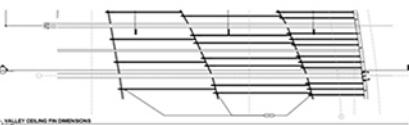
## DESIGN ABSTRACT/Zoning Plan



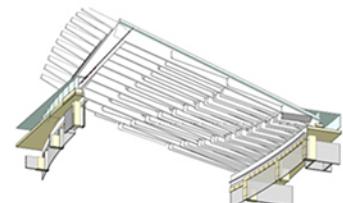
# THE DESERT / VALLEY REFLECTED CEILING



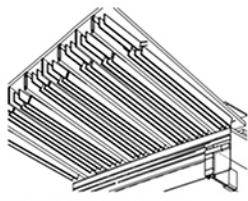
VALLEY REFLECTED CEILING



VALLEY CEILING FIN DIMENSIONS



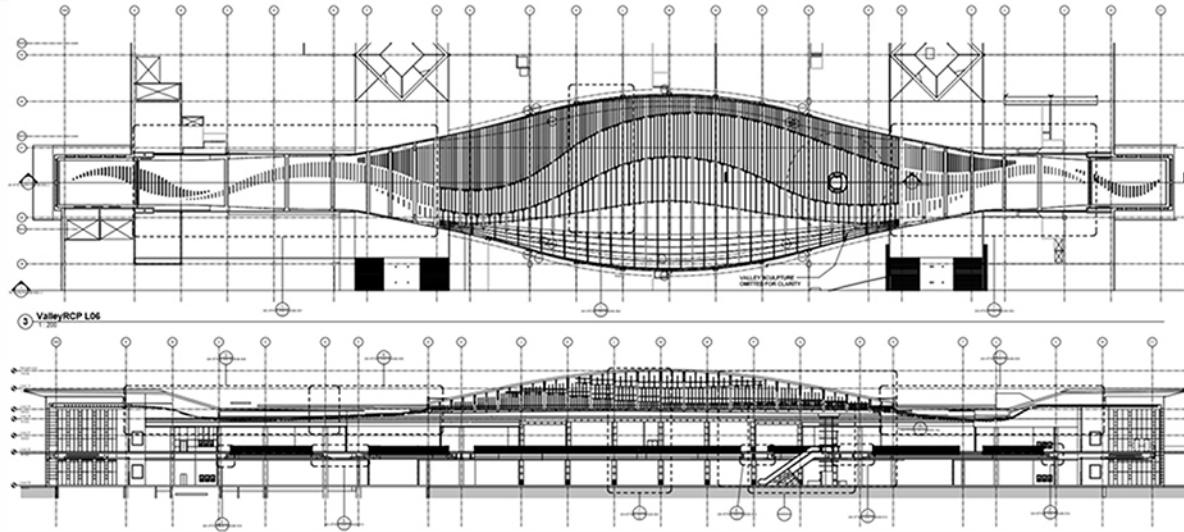
② VALLEY CEILING FIN VIEW



④ VALLEY CEILING FIN SECTION VIEW

## DESIGN ABSTRACT

- Earth tones and finishes
- Soft curves
- Undulating volumes
- Elegant materials
- Indirect warm light
- Smooth edges
- Discrete lighting

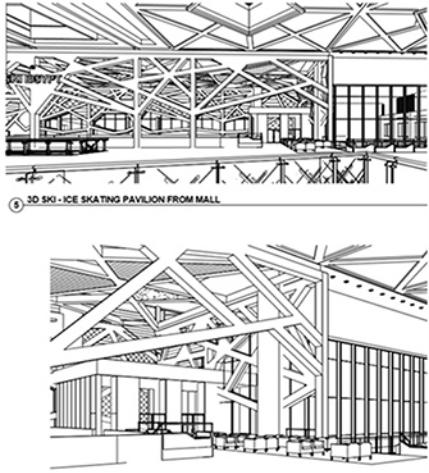
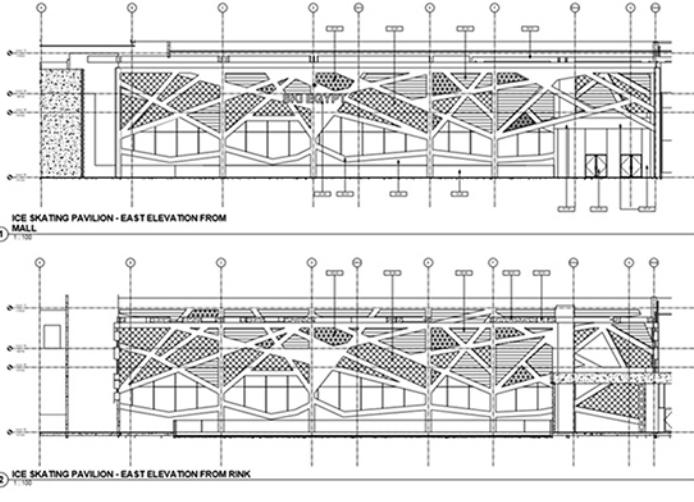
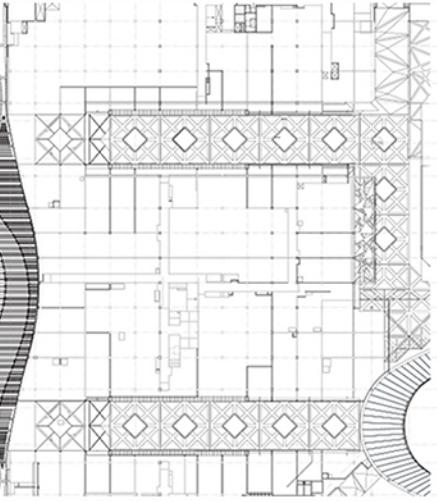


CAD FILES TO BE PRESENTED WHEN NEEDED.

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# MOE - MALL OF EGYPT

SHOPPING MALL  
6th of October



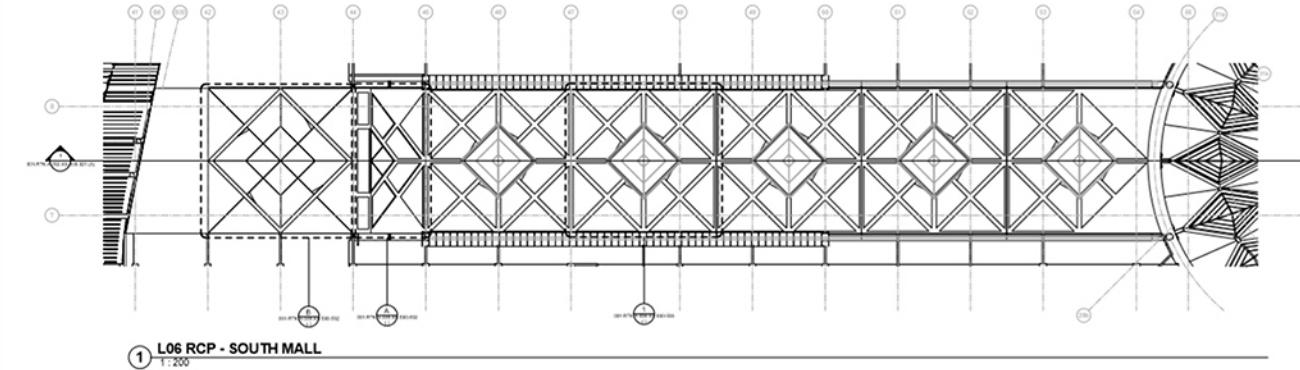
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# CRYSTAL / LEISURE WALK



CRYSTAL REFLECTED CEILING



DESIGN ABSTRACT

- Smooth and crisp finishes
- Faceted surfaces
- Refreshing palette
- Elegant materials
- Sparkling light
- Expressed edges
- Glowing surfaces



MOE - MALL OF EGYPT



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# MOE - MALL OF EGYPT

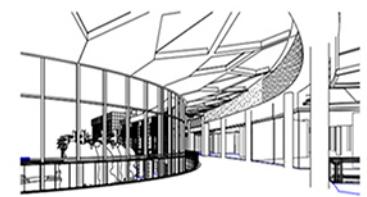
SHOPPING MALL  
6th of October

مَجِدُ الْفُطَّام  
MÄJID AL FUTTAM

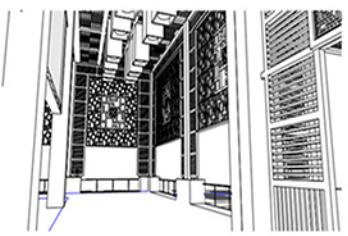
THE PLAZA / HORSESHOE



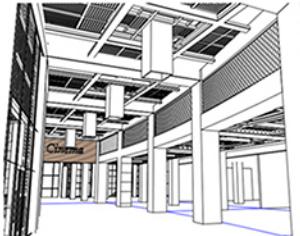
THE PLAZA ( EFC - FAMILY ENTERTAINMENT CENTER )



① 3D PLAZA LEVEL 6 TO SOUTH CRESCENT



④ 3D PLAZA LEVEL 6 NORTH CORNER RESTAURANTS



③ 3D PLAZA SOUTH LEVEL 6 VIEW TO CINEMA ENTRANCE



⑤ 3D PLAZA LEVEL 6 NORTH RESTAURANTS

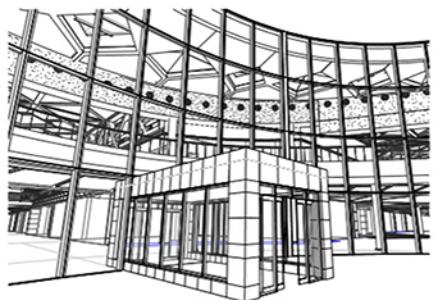
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# THE PLAZA / HORSESHOE



THE HORSESHOE



## THE PLAZA ELEVATIONS

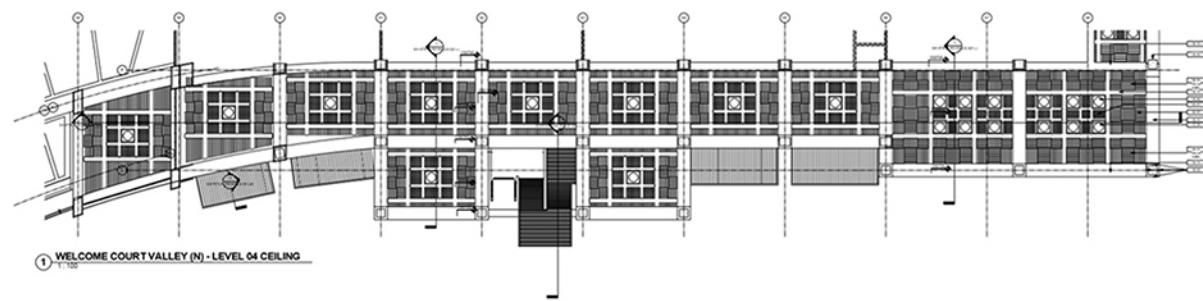


South Plaza elevation

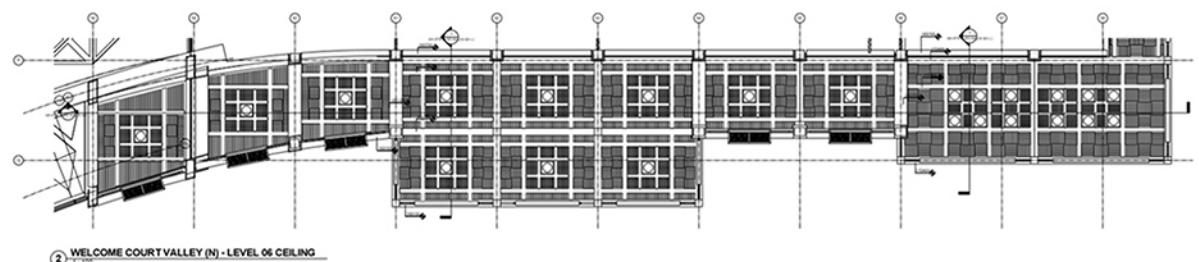


North Plaza elevation

## NORTH PLAZA REFLECTED CEILING



① WELCOME COURT VALLEY (N) - LEVEL 04 CEILING



② WELCOME COURT VALLEY (N) - LEVEL 06 CEILING

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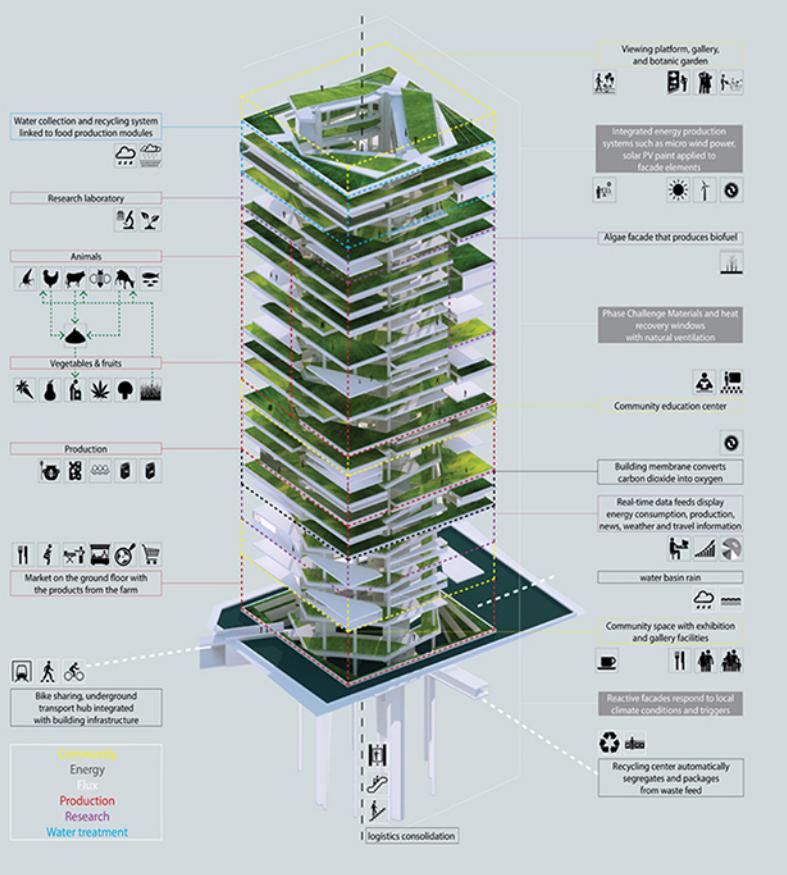
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# VERTICAL FARM



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## VERTICAL FARM

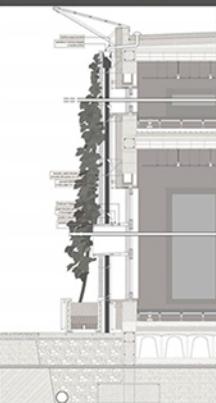
considered one of the world's foremost experts on vertical farms - a theoretical concept that may offer the panacea to our food production problems in the future. Supporters and critics of this concept abound, with fans proudly touting the benefits of towering botanical skyscrapers and naysayers concerned with how vertical farming could be misused, poorly executed and could rack up extreme costs. They could also save energy, reduce toxins, save water, provide new employment opportunities, restore ecosystems, and much more.

Green building concept and the use of processes that are environmentally responsible and resource-efficient throughout a building's life-cycle: from siting to design, construction, operation, maintenance, renovation, and demolition. Green building design involves finding the balance between homebuilding and the sustainable environment.

### HORIZONTAL VS. VERTICAL



#### Sustainable ...



CAD FILES TO BE PRESENTED WHEN NEEDED.



Architect Mohammed Al-Hagracy



Architect Mohammed Al-Hagracy

# HOTEL TOWER

## the realm of dreams An ideal world

Corniche El-Maadi, Nile Street ... Beside Egyptian Armed Forces Hospital | Cairo, Egypt

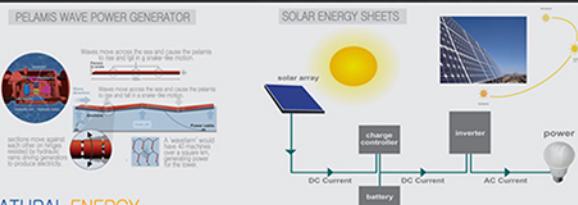
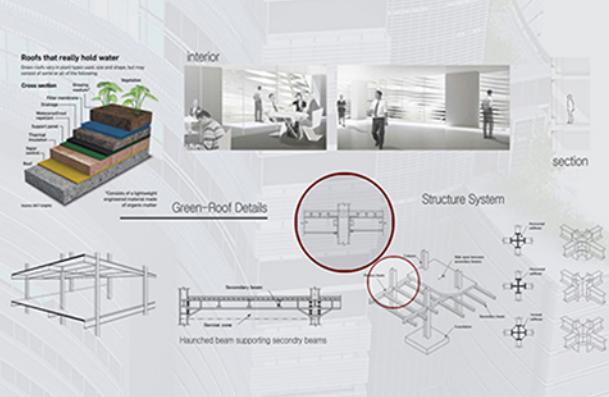


The new skin proposes to connect the horizontal component of the city network with the verticality of the tower by maintaining and exploiting the potential of the passage as a social condenser. Public space is not only surround the tower, it is being integrated to it as a continuous cavity connecting people together.

The existing structure is wrapped in a faceted skin in order to dissolve the monolithic form of the tower. Each facet has a different density and provides a hierarchy of scalar articulations that addresses the tower's range of visibility from the inhabiting user to the long-view. It sets a variety of illumination, enclosure and transparency conditions to create unique atmospheres depending on the program and the solar orientation.

In order to avoid the monotony of the interior space, the project supposes the appropriation of the space in-between the original and the new envelope. It lets room to the insertion of terraces, fire stairs and meeting areas. The new envelope derives from the superposition of different layers : The primary structure is generated by an assembly of fame steel structure, attached to the existing slabs and columns to distribute self-weight and lateral loads. Glass panels are inserted in between, while an outside layer composed with aluminium panels provides different degrees of privacy and connection with the outside.

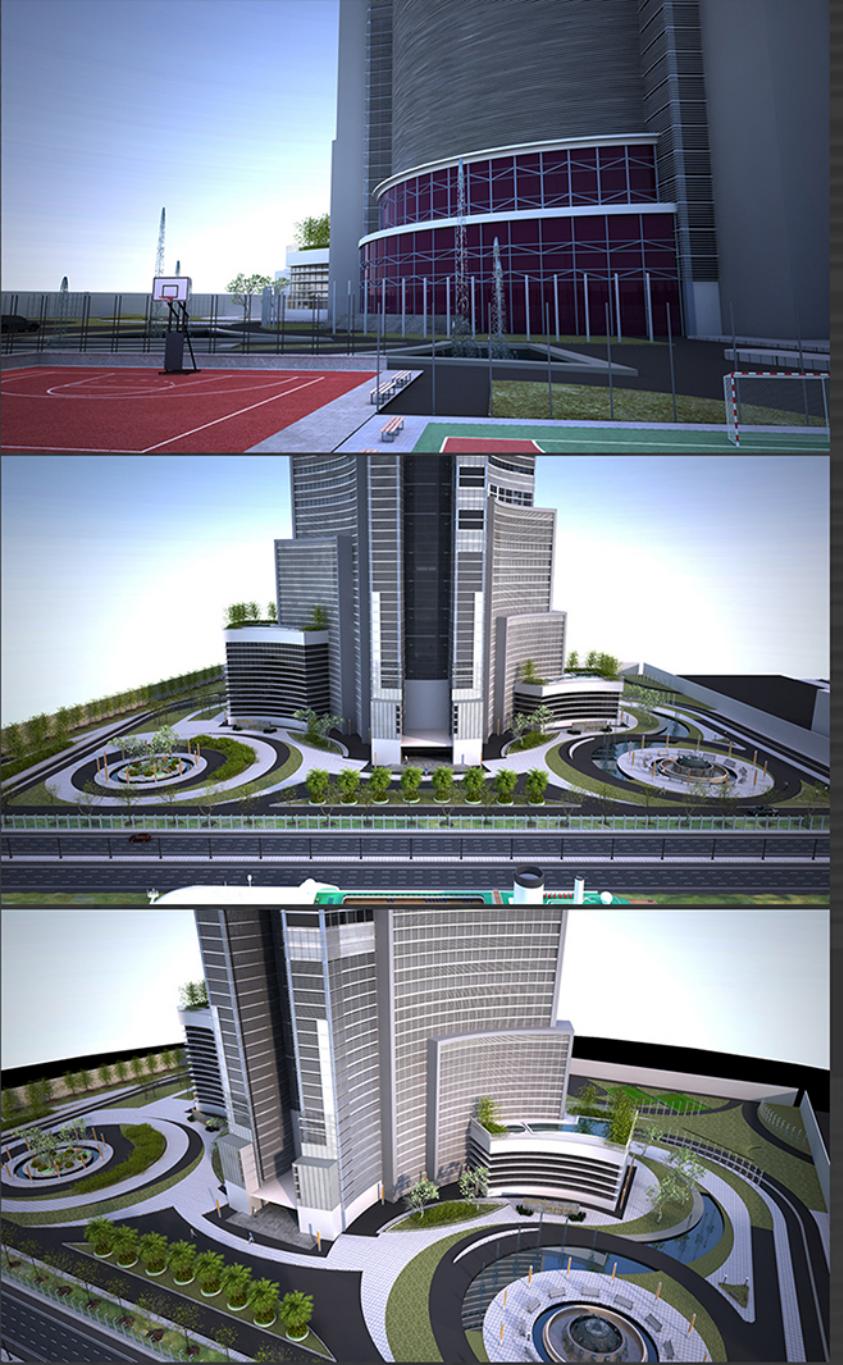
The double-skin façade permits to exhaust hot air from the interior in summer, while in the cold season, air warmed in the plenum can be drawn into the interior through the operable windows to increase the environmental performance of the building. The building gain its energy through solar energy sheets set in the high positions of the building in order to provide building with power.



CAD FILES TO BE PRESENTED WHEN NEEDED.

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NATURAL ENERGY



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# COMMUNITY DEVELOPMENT CENTER

COMMUNITY CENTER

6th of October, Giza, Egypt



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## COMMUNITY DEVELOPMENT CENTER

Community centers are public locations where members of a community tend to gather for group activities, social support, public information, and other purposes. They may sometimes be open for the whole community or for a specialised group within the greater community.

The Facade textured, herringbone-patterned to reference to Egypt's natural stone and wood with the conceptual of green roofs and sustainable energy by using the sun rays. as the building took place of a desert location.



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# DESIGN ABSTRACT

Preserving historic buildings is vital to understanding our nation's heritage. In addition, it is an environmentally responsible practice. By reusing existing buildings historic preservation is essentially a recycling program of 'historic' proportions. Existing buildings can often be energy efficient through their use of good ventilation, durable materials, and spatial relationships. An immediate advantage of older buildings is that a building already exists; therefore energy is not necessary to demolish a building or create new building materials and the infrastructure may already be in place. Minor modifications can be made to adapt existing buildings to compatible new uses. Systems can be upgraded to meet modern building requirements and codes. This not only makes good economic sense, but preserves our legacy and is an inherently sustainable practice and an intrinsic component of whole building.

Less construction and demolition debris:

- Less hazardous material debris
- Less need for new materials
- Existing usable space—quicker occupancy
- Rehabilitation often costs less than new construction
- Reuse of infrastructure
- Energy savings • No energy used for demolition
- No energy used for new construction
- Reuse of embodied energy in building materials and assemblies



THE EMBASSY OF THE REPUBLIC OF INDONESIA, CAIRO

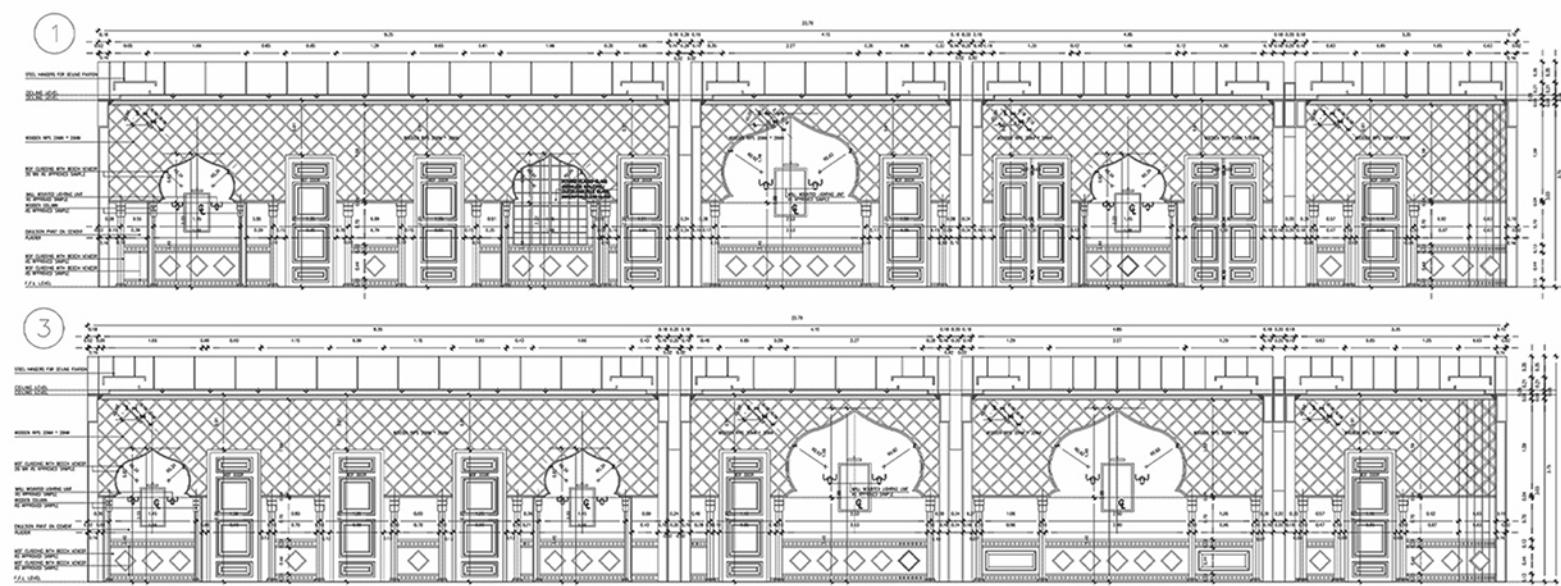


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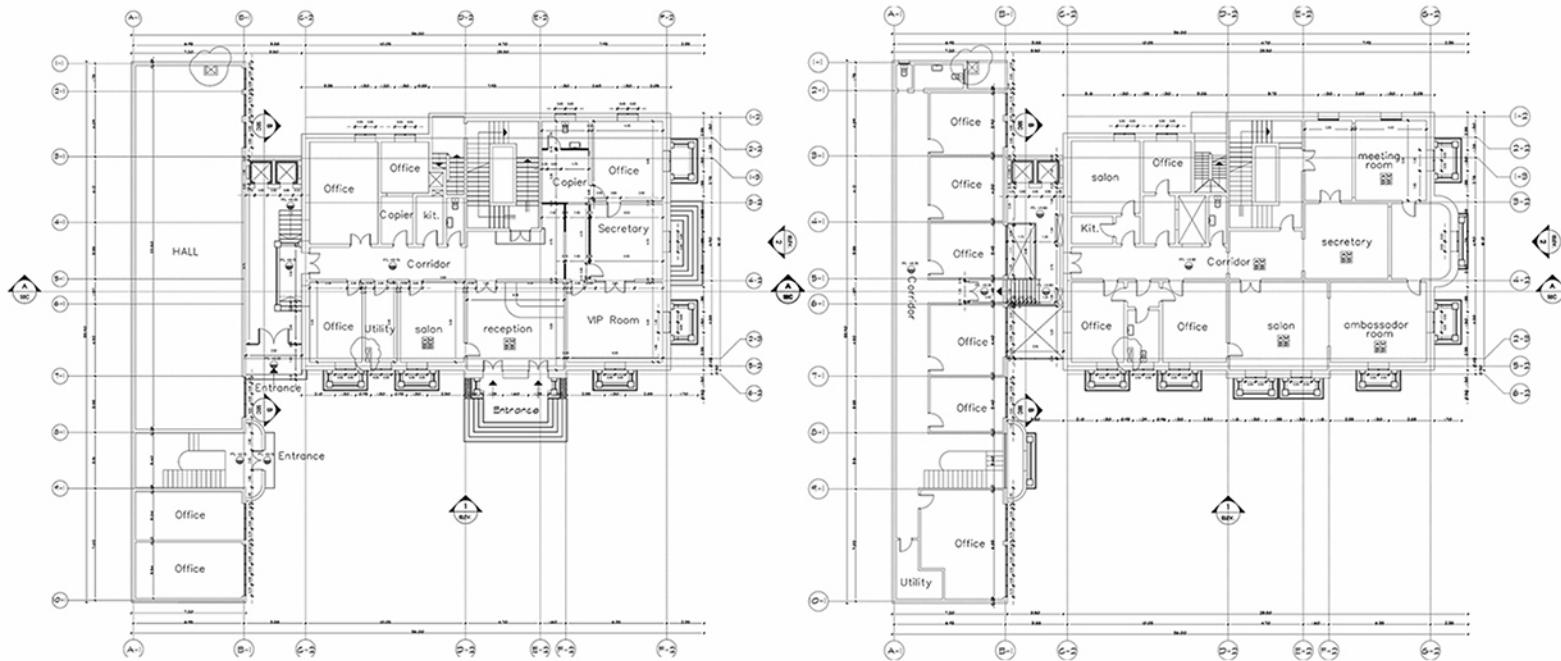
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# RENOVATION

OLD HISTORICAL BUILDING  
Garden City, Cairo, Egypt



PLANS/INTERIOR VISION

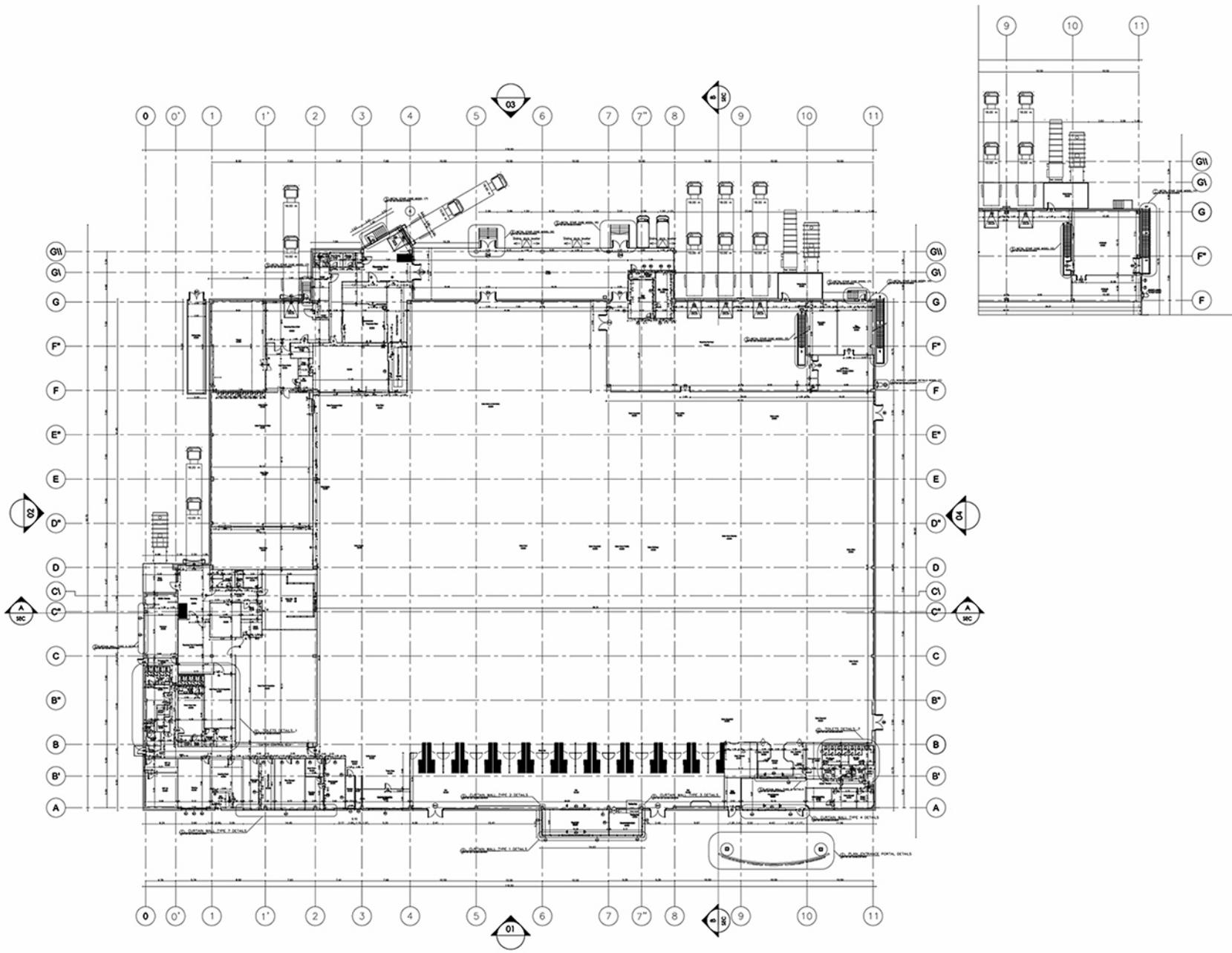


# MAKRO CASH & CARRY

WAREHOUSE

Qalubia, Egypt

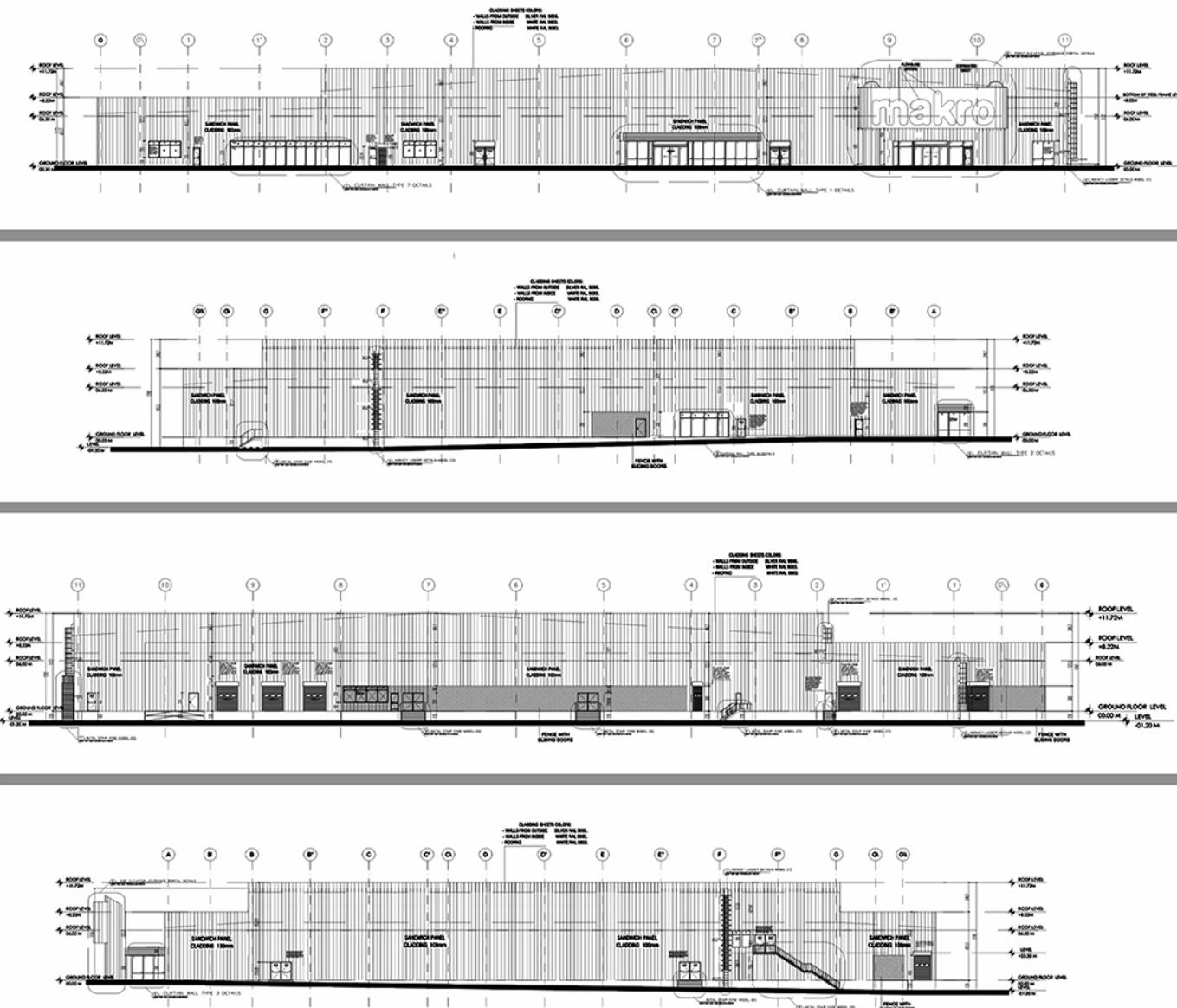
## GROUND FLOOR PLAN



Makro is an international brand of Warehouse clubs, also called cash and carries. Originally a Dutch-based chain, the first one opened in Amsterdam in 1968. In the following years more stores opened in the Netherlands and in several other European countries and, in 1971, South Africa. In the 1970s and 1980s Makro extended its business to the Americas and Asia. Makro had also expanded to the United States in the mid-1980s. In 1989, Kmart bought the US locations, and converted most of them to Pace Warehouse in 1990. In 1998, Makro owner SHV Holdings sold the Makro stores in Europe to Metro AG.

Makro Opened they new branch in Egypt in 2009 to fill need of their customers.

The Design stood on the main theme of the chain all over the world, by using corrugated sheets and curtain wall the idea was to have a huge space inside ( function over design ) main duty of the design is to be compatible with Egypt's atmosphere by using material that obtain the heat / reflect sun rays. also in addition of this to manage circulation of the customers, services and dealers.



CAD FILES TO BE PRESENTED WHEN NEEDED.



COMMERCIAL





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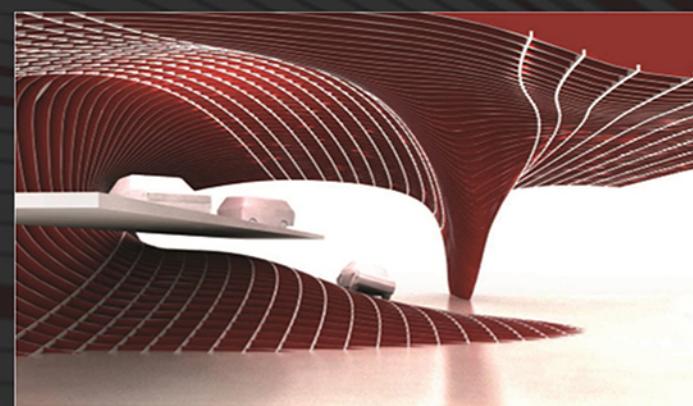
## KIA Motors Exhibition architectural idea and concept :

Motion and dynamics is the concept for the new Kia exhibition stand. Central theme of the new exhibition design is the "frozen motion" of a sea wave, composed by several architectural elements.

The stand concept is to be understood as a walk-in sculpture with a unique spatial effect. The most characteristic element of the stand design is the lamellar structure of the ceiling. Sculptural walls and the sculptural columns are designed and arranged to create the impression of a moving wave. These elements determine the new accentuated appearance and recognition of Kia brand all over the world.

All exhibition items of the stand design have different functions. They are specified in detail and explained regarding overall dimensions, material, color and function in the following chapters. Examples and illustrations shows the different sizes of the Kia display booth, presented for different locations

The ribs are the basic elements of the booth. Through repetition and form adjustment they dictate the whole shape and appearance of the booth and create the "frozen wave sculpture"



Motion and dynamics is the concept for the new Kia exhibition stand. Central theme of the new exhibition design is the "frozen motion" of a sea wave, composed by several architectural element

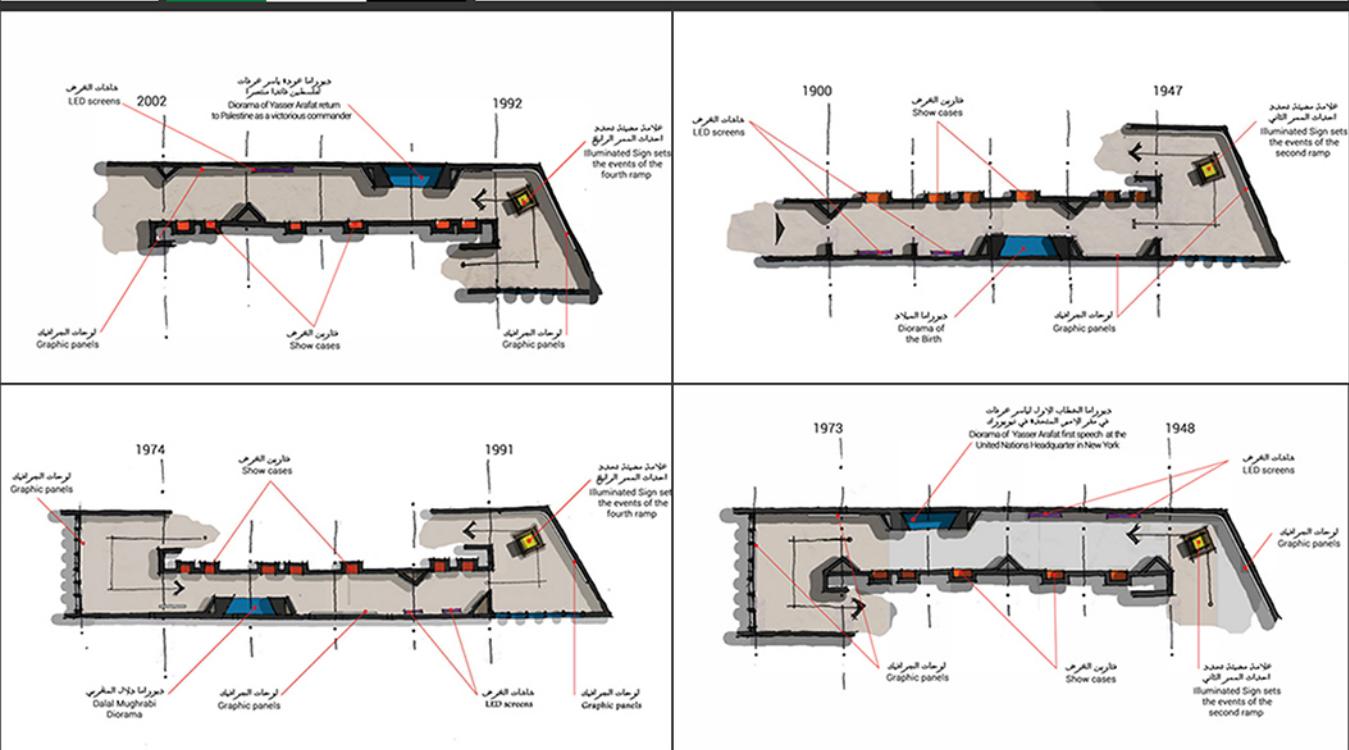
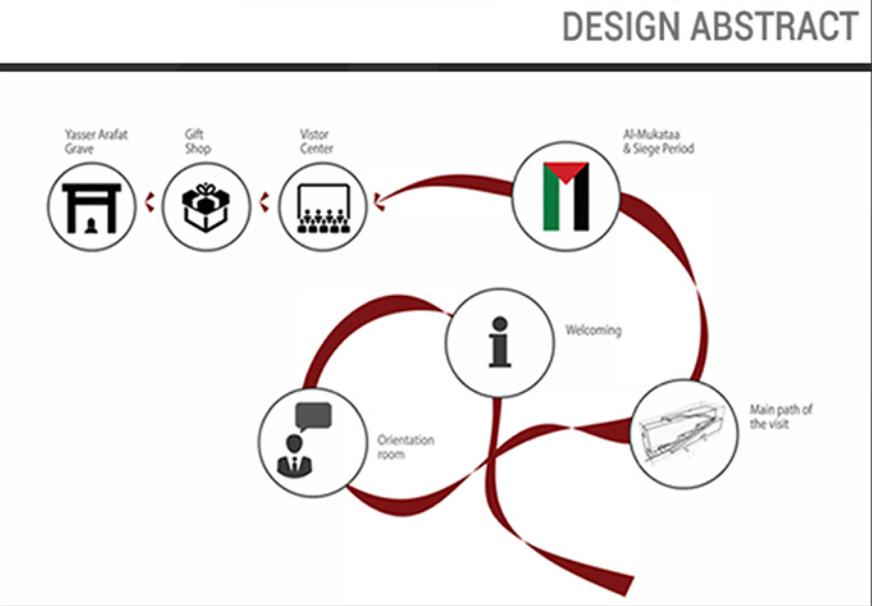


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# DESIGN ABSTRACT

## YASSER ARAFAT MUSEUM Conceptual Design



A museum's role in society is to preserve the memory of the nation and its message is primarily directed towards children and youth as well as professionals, scholars and specialists.

Museums in general should pique the visitor's curiosity and knowledge as well as their eagerness to know more, especially those about influential historic personas in the field of politics.

Displaying a timeline full of historic events in a specific period of time in way that manages to pique the visitor's curiosity without a classroom-like atmosphere is quite difficult. As such, we had to enrich the display with an array of media to ensure diversity in the museum's narrative, thus breaking the monotony the visitor may experience as a result of the repetition and similarity of the events displayed.

Between the ramps, there is a space that serves as a resting place for visitors to review the events displayed in the previous ramp and to prepare them for the events in the ramp to follow. Each space is identified by a clear illuminated sign showing the historic events displayed in the following ramp.

At the end of the fourth ramp, we reach Al Mukataa which represents the state and which accommodates the president's office and his living quarters. Also displayed here is the period of the siege, the president's illness before his travel abroad for treatment where he died on the 11th of November 2004.

Thus, the following media were used in the display:

1-Showcases, displaying all available documents, papers and small items in need to conservation and as such need to be placed inside showcases.

2-LED screens, in different sizes to display sequences of photos and documentaries either already available or made especially for the display

3-Dioramas, which were not used frequently due to the limited area of the museum, as such, only one diorama was used in each ramp. Dioramas have the ability to attract groups of visitors at a time and can be used to memorable meanings and messages.

4-Graphic panels, posters and labels which complement the display.

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# YASSER ARAFAT MUSEUM

Conceptual Design

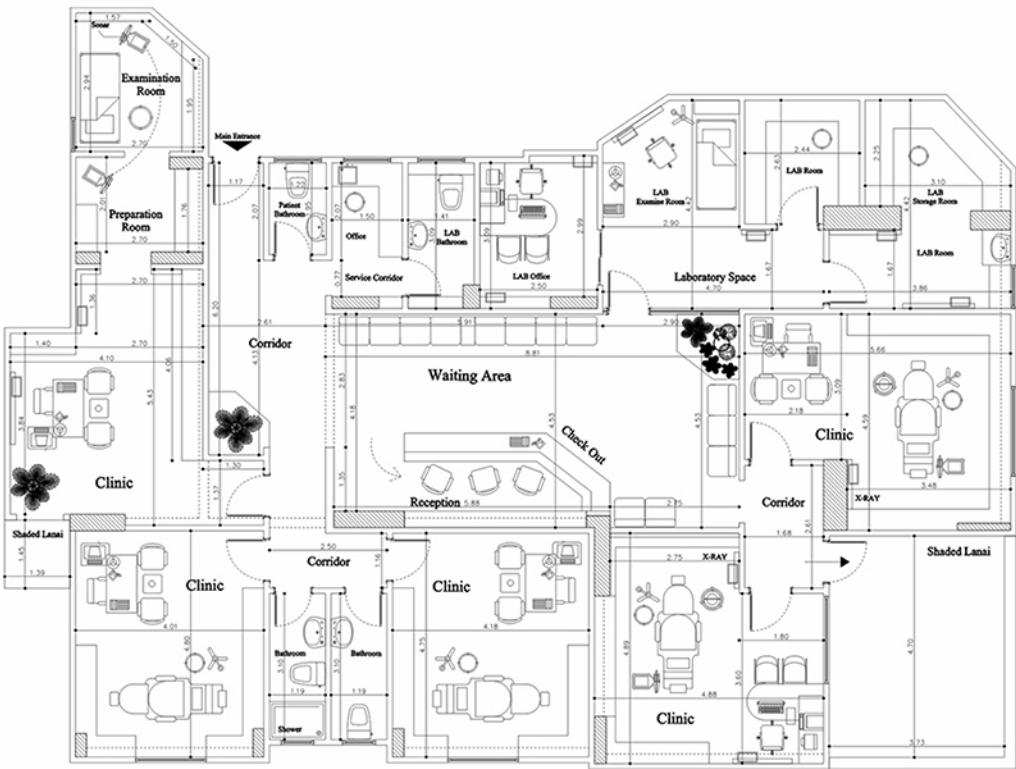
MUSEUM



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# HEALTH-CARE MEDICAL CENTER ZONING PLAN



## Theory and architectural concept:

The center is located on the ground floor of a building in Maadi, measuring the area and re-zoning according to requirements.

The walls are painted creamy white to evoke the cleanliness of a medical practice, also the porcelain tiles in the ground are preserved for their character. also custom leather designed all of the furniture for the space, apart from the desk and chairs, to introduce modern shapes and to recall various aspects of the human anatomy.

Strips of gypsum board and lights designed to mark the pathways inside this clinic.

Panels made from solid surface material back painted glass with LED beams line the middle section of the walls, and feature carvings that form a pattern and allow LED lights to shine through from behind. introducing the green parts (trees and palms) to add natural color to the design.



CAD FILES TO BE PRESENTED WHEN NEEDED.



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# INTERIOR DESIGN

COMMERCIAL  
Cairo, Egypt



CONTEMPORARY STYLE OB&GYN CLINIC   Commercial interior design  
LUXURY/ELEGANCE

FABRICS/WALL Materials



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# INTERIOR DESIGN

COMMERCIAL  
Cairo, Egypt



MODERN STYLE EXAMINATION AREA

Commercial interior design

MEDICAL CENTER INTERIOR DESIGN



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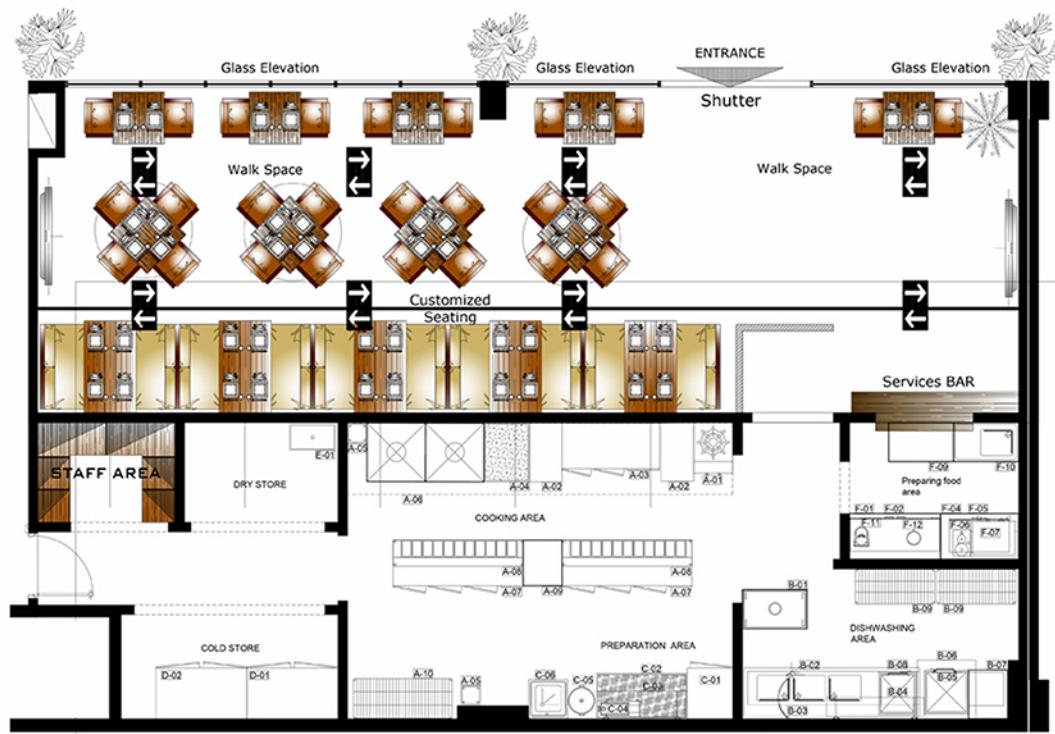
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The Yellow Chilli is a chain of casual dining restaurants known for its exclusivity and a touch of simplicity that is as unique as is the name. We take pride in offering tasty Indian food with a difference drawn from North-West Frontier cuisine with exotic picks from the regions of Punjab and the Mughal Era.



CAD FILES TO BE PRESENTED WHEN NEEDED.

# THE YELLOW CHILLI PLAN



## Theory and architectural concept:

The center is located in Kuwait. Carrying through the desire for an inherent feeling of spaciousness in a contemporary space.

Contemporary design embraces a balanced use of natural materials, such as wood, cedar and stone. These natural finishes are often mixed with corian, and other industrial-inspired materials to provide an aesthetic balance of yin and yang.

Lights and steel pipes in the ceiling to add more artificial look. also uplights randomly in the flooring.



CAD FILES TO BE PRESENTED WHEN NEEDED.

## WATANYA GAS STATION CONVENIENCE STORE:

Watanya Gas station located in Egypt, belongs to the Egyptian Armed Forces. Duty was to Plan and interior design the station convenience store, i offered 2 different designs to the client according to their needs and financial resources. Contemporary style is often defined by clean lines with a casual atmosphere, open spaces, neutral colors, and elements and materials inspired by nature Rich textures pair with neutral colors to create a space that invites relaxation. Shades of beige and cream are calming, while soft fabrics on the chairs. Oversized artwork and a contemporary table dress up the space, making it suitable for both entertaining and down time. with pendant light fixture that reflects the style.



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## WATANYA GAS STATION CONVENIENCE STORE:

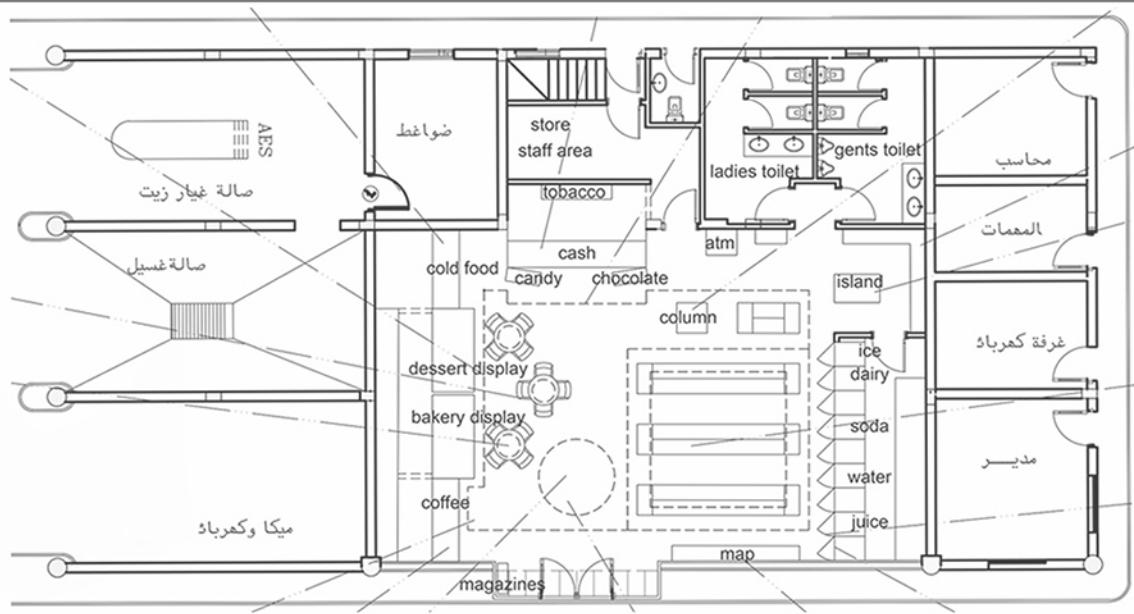
The Convenience store lighting strategy should enhance the visual process by providing illuminance levels appropriate for the visual task, reasonable uniformity ratios, and minimal glare and light trespass.

Material identification:

Pitch Pine wood - Corian - Aluminum Panels - Gypsum Board - Back Painted Glass - Stone cladding - Porcelain Tiles for flooring - some visual effects on walls.

Lighting used:

using 3000K temperature light fixtures and pendant fixtures.



CAD FILES TO BE PRESENTED WHEN NEEDED.

قاعة المُؤتمرات بمدينة نصر

**iHagras**  
FURNITURE INTEGRATED SOLUTIONS



EXHIBITION DESIGN   Contemporary Design  
LUXURY/ELEGANCE



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# KIRI® BOOTH DESIGN

MEGA STORES Cairo, EGYPT

The first cheese crafted specifically for children, Kiri® holds a special place in the lives of budding gourmets. Kiri® is something discovered in childhood and often loved long afterwards.

The Booth design came from the main concept of Kiri® package with a very simple elements and structure using the jar element and cheese cover element.

kiri®



CAD FILES TO BE PRESENTED WHEN NEEDED.

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RESIDENTIAL

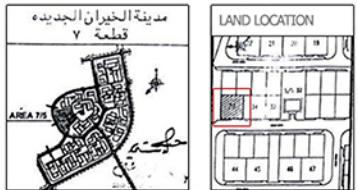


# RESIDENTIAL

PRIVATE HOUSE  
Kuwait City



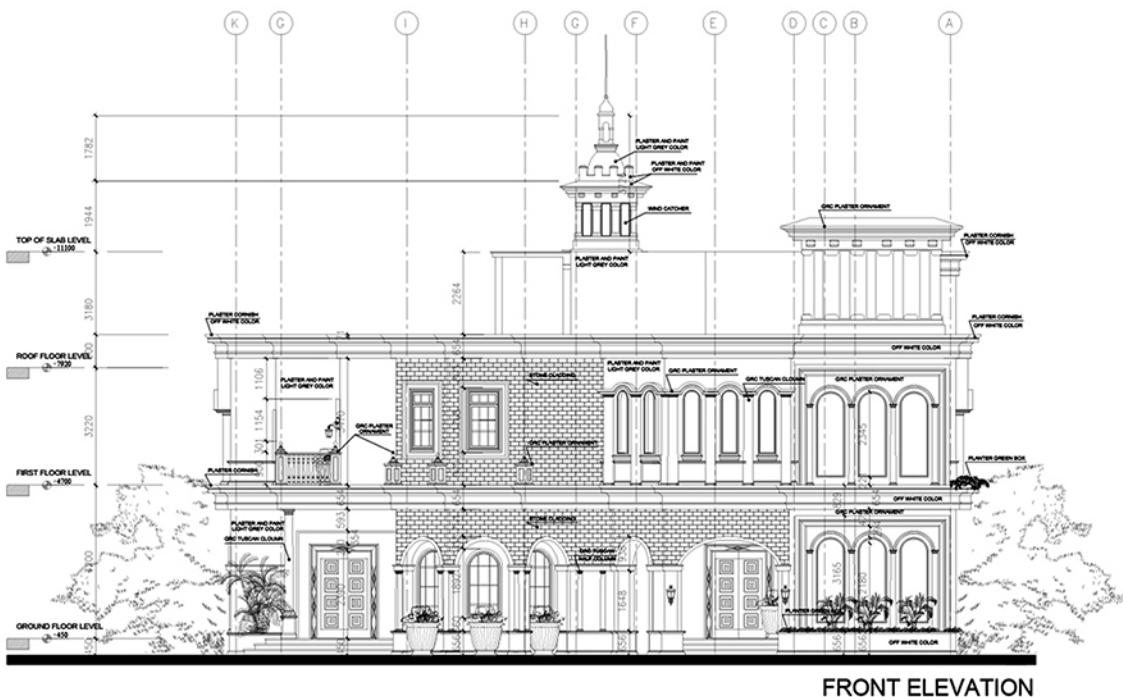
## ABOUT & LOCATION



Al-Khayran is one of the major tourist attractions in the State of Kuwait and one of the largest resort of a group of tourism projects company as he featured among the other parks in the country as characterized by its integration and diversity in Alkhaddmata: In February 23, 1987 HH the Amir Sheikh Jaber Al-Ahmad Al Jaber Al-Sabah inaugurate Lagoons Park, located Lagoons Park in the creeks area southeast of Kuwait city and away from Kuwait city about 110 km .. where the creeks park area 3 kilometers square almost faced freely 1,900 meters long characterized by soft sand and features landscaped trees and is characterized by gloriously calm and health Step is for all tastes of favorite places

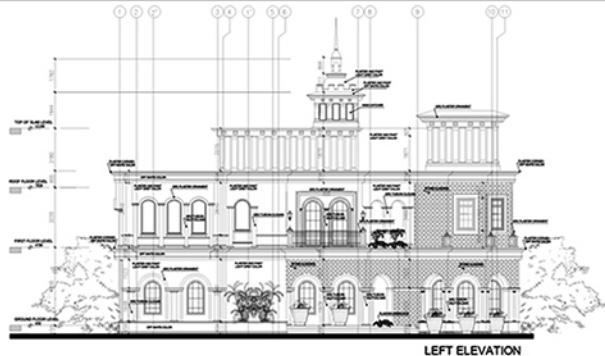
The Tuscan order is in effect a simplified Doric order, with un-fluted columns and a simpler entablature with no triglyphs or guttae. It was not one of the three orders of classical architecture described by the Roman architect Vitruvius; these were the Doric, Ionic, and Corinthian.

## DESIGN ABSTRACT

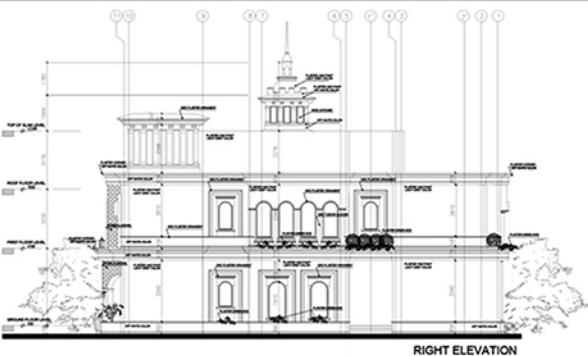


FRONT ELEVATION

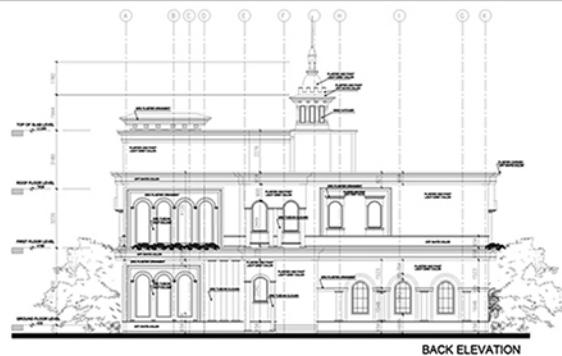
## ELEVATIONS/FACADES



LEFT ELEVATION



RIGHT ELEVATION

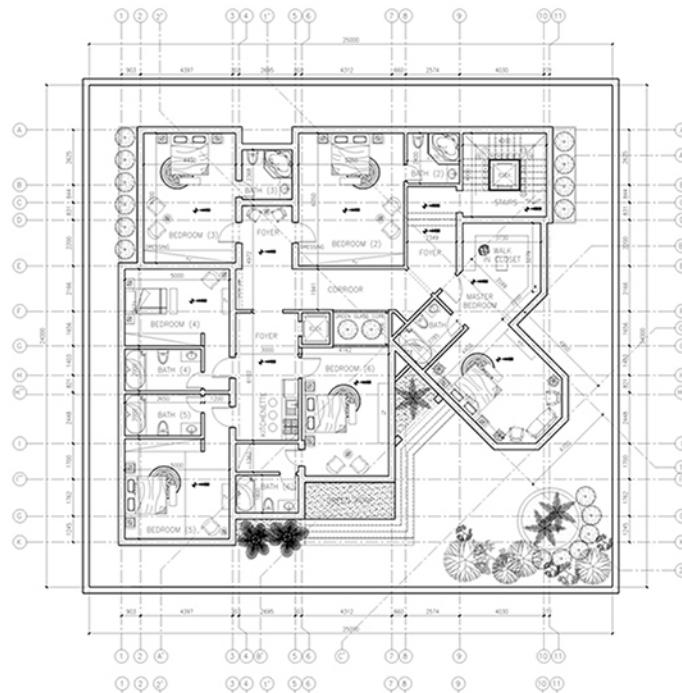


BACK ELEVATION

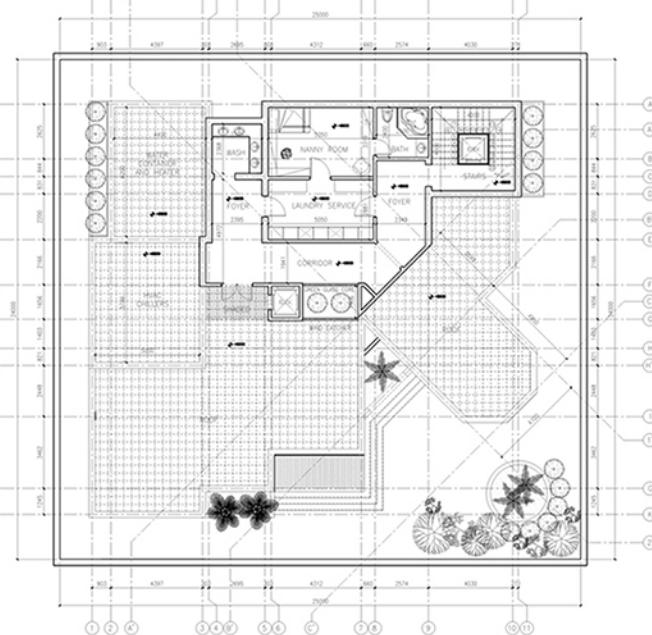
CAD FILES TO BE PRESENTED WHEN NEEDED.

## MAIN ELEVATION/FACADE

# GROUND FLOOR / FIRST FLOOR PLAN



# ROOF FLOOR PLAN



# RESIDENTIAL PRIVATE HOUSE

Kuwait City

Land area 600 sqm  
Building area 460 sqm

5 Bedrooms including Bathrooms and dressing.

1 Master-bedroom including master-bathroom, Walk-in Closet, Terrace & Jacuzzi.

1 Family living area including, Kitchenette.

1 Nanny's Bedroom and bathroom.  
1 Laundry service room.

1 Reception/Salon area.

2 Dining area.

1 Hard kitchen with storage.

1 Formal Men Majlis.

1 Female/Family Majlis

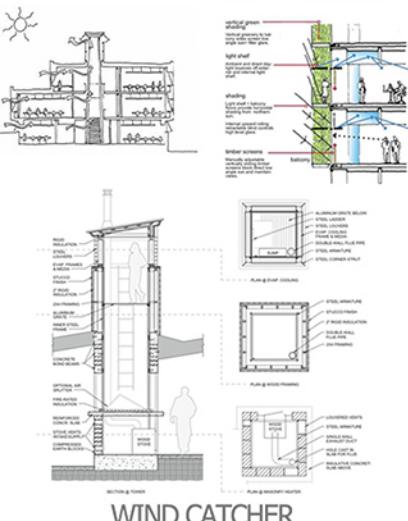
1 Outdoor Seating area.

1 Patio/Entrances Grand Lobby.

1 Guest Bathroom.

1 Driver Room with Bathroom.

1 Elevator/Green Court.



## HOUSE CONTENTS/ANALYSIS

CAD FILES TO BE PRESENTED WHEN NEEDED.

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# RESIDENTIAL

PRIVATE HOUSE  
Kuwait City



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# NIGHT SCENE

FACADE LIGHTING DISTRIBUTION



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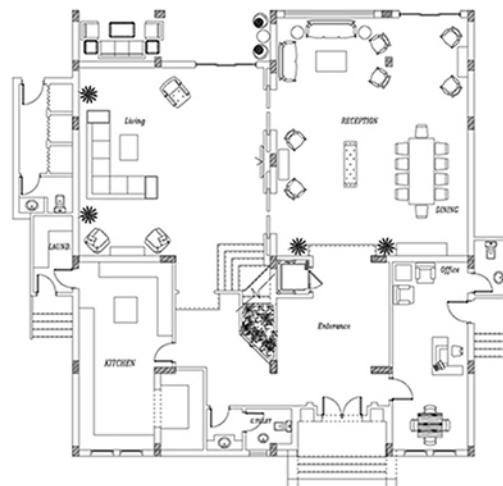
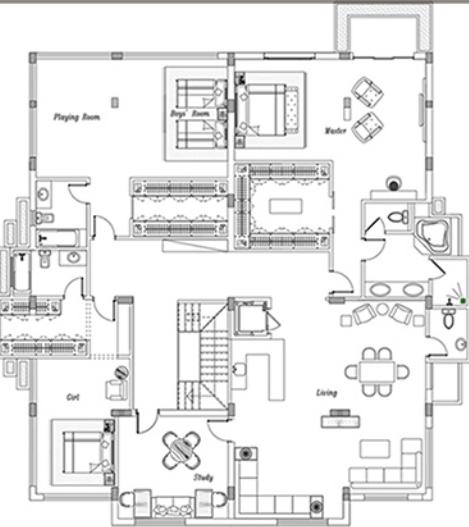
# RESIDENTIAL

PRIVATE HOUSE  
6th of October: Egypt



Land area 860 sqm  
Building area 350 sqm

2 Bedrooms including Bathrooms and dressing.  
1 Master-bedroom including master-bathroom and Walk in Closet.  
1 Study room.  
1 Family living area including Kitchenette.  
1 Reception/Salon area.  
1 Dining area.  
1 Guest living area.  
1 Hard kitchen.  
1 Office.  
1 Outdoor Seating area.  
1 Large Patio.  
1 Guest Bathroom.



## DESIGN ABSTRACT

First appearances are always important, which is why the front of your house should make a good expression and be the ultimate expression of your style. contemporary colours and materials, with beautiful landscaping.

The concept of contemporary exterior is considered as modern design in architectural focuses. This is the idea of the trendiest matter. But it is possible to add older elements as far as they are suitable for all times. The important point is that the design should be based on the purpose.

The exterior of the home mimic the form of the interior designs that have been chosen. large windows provites natural lighting inside.

CAD FILES TO BE PRESENTED WHEN NEEDED.

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PLANS



CAD FILES TO BE PRESENTED WHEN NEEDED.

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E-mail : iHagras@Hotmail.com

# RESIDENTIAL



Residential  
PRIVATE HOUSE  
Katameya Heights, Egypt

## DESIGN ABSTRACT

House Materials and Textures / Shades with a huge combination of contemporary materials to add safe and effective approach, balance and symmetry play an important role in achieving a well-designed space. The facade semblance of balance and symmetry in order to appear pleasing to the eye and properly designed. final outcome to be visually appealing.

## PLAN CONTENTS

- 2 Bedrooms including Bathrooms and dressing.
- 1 Master-bedroom including master-bathroom, Walk in Closet & Terrace.
- 1 Family living area including Kitchenette.
- 2 Guest Bedrooms
- 1 Nanny's Bedroom
- 1 Reception/Salon area.
- 1 Dining area.
- 1 Hard kitchen.
- 1 Office.
- 1 Outdoor Seating area.
- 1 Patio.
- 1 Guest Bathroom

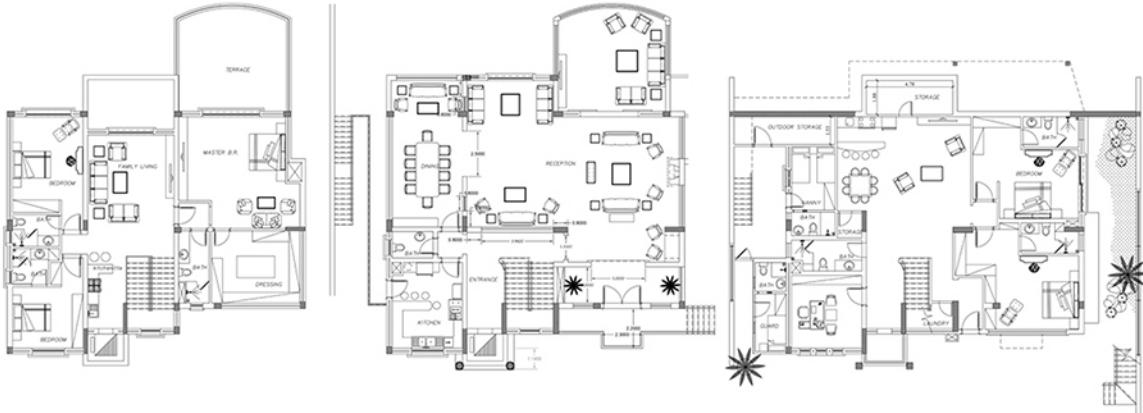


KATAMEYA HEIGHTS  
Golf & Tennis Resort

Land area 730 sqm  
Building area 280 sqm



## PLANS



## ELEVATIONS/FACADES



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# RESIDENTIAL

PRIVATE HOUSE  
Lake View, Egypt

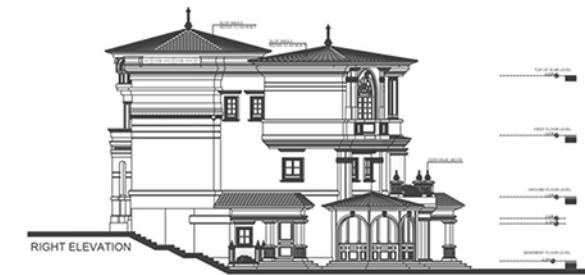
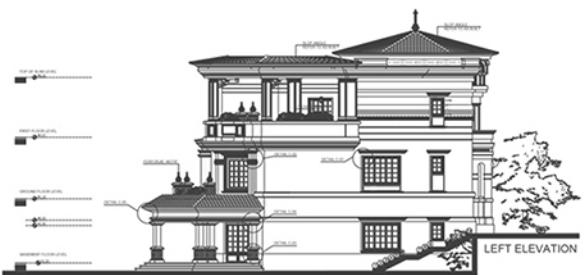
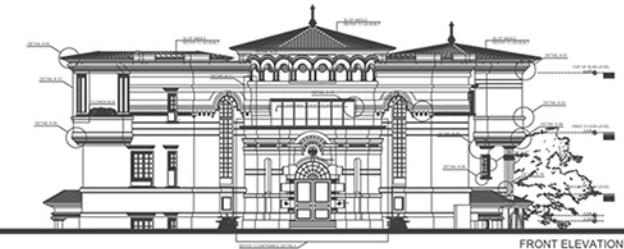


## ABOUT & LOCATION

The Lake View is a Mediterranean style residential complex built with State-of-the-Art City Planning. Within a resort style, lush tropical vegetating and superb landscape elements bound together to give the place its unique characteristics.



## ELEVATIONS/FACADES

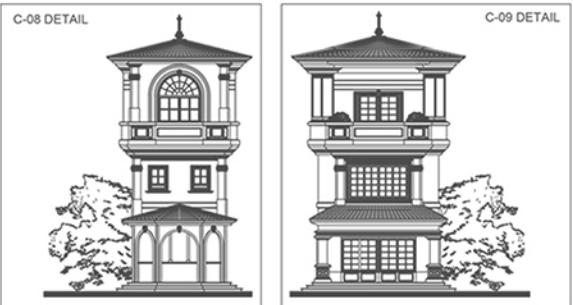


## DESIGN ABSTRACT

4 Bedrooms including Bathrooms and dressing.  
1 Master-bedroom including master-bathroom, Walk in Closet, Terrace & Jaccuzi.  
1 Family living area including Kitchenette.  
1 Guest Bedrooms  
1 Nanny's Bedroom  
1 Reception/Salon area.  
1 Dining area.  
1 Hard kitchen.  
1 Outdoor Seating area.  
1 Patio.  
1 Guest Bathroom  
1 Billiard area

Land area 780 sqm  
Building area 300 sqm

## The LakeView



## PLANS



CAD FILES TO BE PRESENTED WHEN NEEDED.

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Residential Compound

LAKE VIEW



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# RESIDENTIAL

PRIVATE HOUSE  
European Reef, Egypt



## ABOUT & LOCATION

The European Reef located on the Alex-Cairo desert road. main theme of the compound is full of green areas, the design took place to add more green by adding green roofs using LEEDs building technology.

Land Area 4046.85 sqm  
Building Area 1080 sqm  
Tree House 200 sqm

## THEORIES/CONCEPTUAL

### HOUSE CONTENTS:

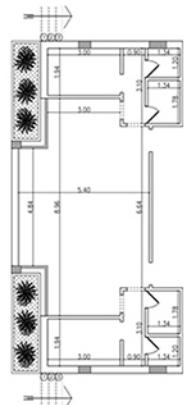
- 4 Suites including Bathrooms, Green roof and dressing.
- 2 Guest Bedrooms.
- 1 Master-bedroom including master-bathroom, 2 Walk in Closet him/her, 2 Green roofs with fireplace and water feature.
- 1 Family living area including Fireplace and Kitchenette, Play area.
- 1 Nanny's Bedroom
- 1 Reception/Salon area, Fireplace area.
- 1 Dining area.

- 1 Hard kitchen.
- 1 Outdoor Seating area.
- 1 Triple height parlor with green landscape feature.
- 2 servants rooms.

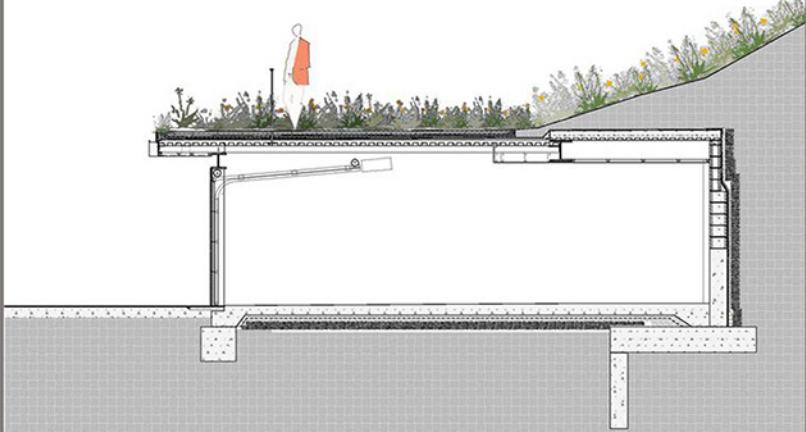
### TREE HOUSE

- 1 Living area.
- 1 Kitchenette.
- Showers and sauna/steam

## PLAN CONTENTS



## INSPIRATION



### Design Considerations:

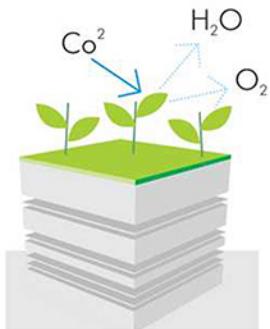
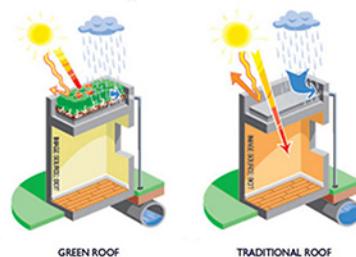
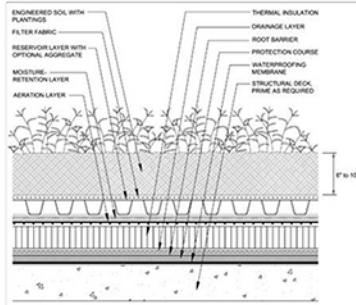
Green roofs function independent of the infiltration capacity of the site soils and can be applied to residential buildings, although they are most appropriate for commercial and industrial use. Extensive and intensive green roofs require a minimum slope of 2%; those with slopes less than 2% require additional drainage measures to avoid water logging. Additional requirements include good drainage, lightweight growth media, good waterproofing, additional structural support, rainwater harvesting and the use of drought/heat tolerant plants. While it may be challenging, it is important to engineer for proper drainage, which will avoid root rot on the plants. A thicker substrate needed if drainage is not adequate will also mean higher load bearing, which adds to the cost.

Components of green roofs include: 1.) waterproofing membranes; 2.) insulation (if the building is heated or cooled); 3.) a root barrier to protect the membrane (made of gravel, impervious concrete, pvc, tpo, hdpe, or copper); 4.) a drainage system; 5.) a filter cloth (polyester fiber mats, polypropylene mats or non-biodegradable fabrics); 6.) a growing medium, consisting of inorganic matter (expanded slate, pumice, vermiculite, volcanic rock, etc.), organic material (straw, peat, wood, grass, sawdust, etc.), and air (cavities); 7.) plants.

There are several considerations when choosing the plant material. Overall, plants should be selected for their ability to thrive with minimal to no inputs (water, fertilizers, etc.) after establishment. Appropriate natives are recommended, and all should prefer full-sun and be drought tolerant. Plants should also be cold tolerant and have no severe pest susceptibility or maintenance needs. Root systems should be shallow. Use pollen/nectar producers when possible, which will help not only in pollination but also to attract beneficial insects for biological pest management.

### Operations and Maintenance:

Although plants should be chosen to be maintenance free after establishment, plants will need some maintenance, particularly during establishment, including irrigation system inspections. Annual maintenance walks should be performed until plants fill in.



### Water Protection Benefits:

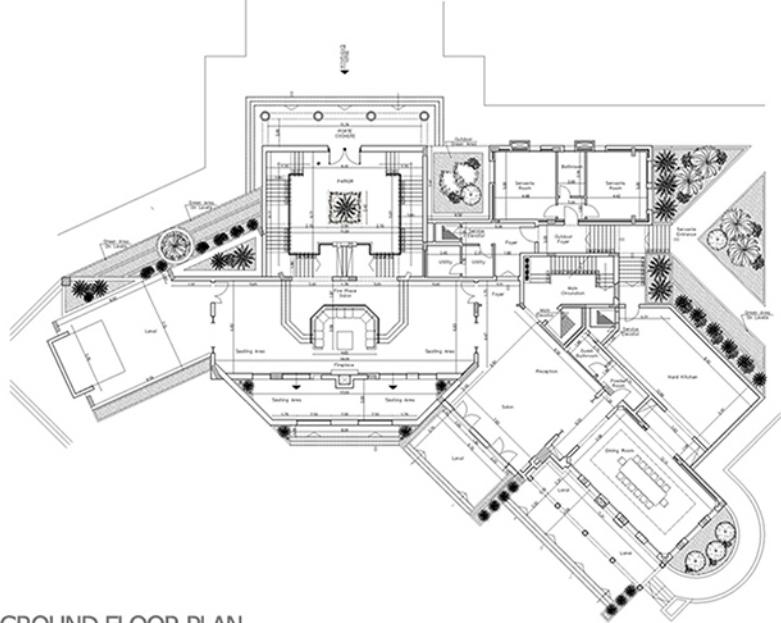
**Water conservation implications** – When used in conjunction with cisterns for stormwater management, green roofs can allow for more consistent capture and provision of harvested rainwater, with the potential to indirectly reduce potable water demands for landscape irrigation.

**Stormwater implications** – By intercepting, retaining, detaining, and filtering rainwater at the beginning of the stormwater treatment train, green roofs can play an important role in source control stormwater management, reducing stress on downstream treatment systems.

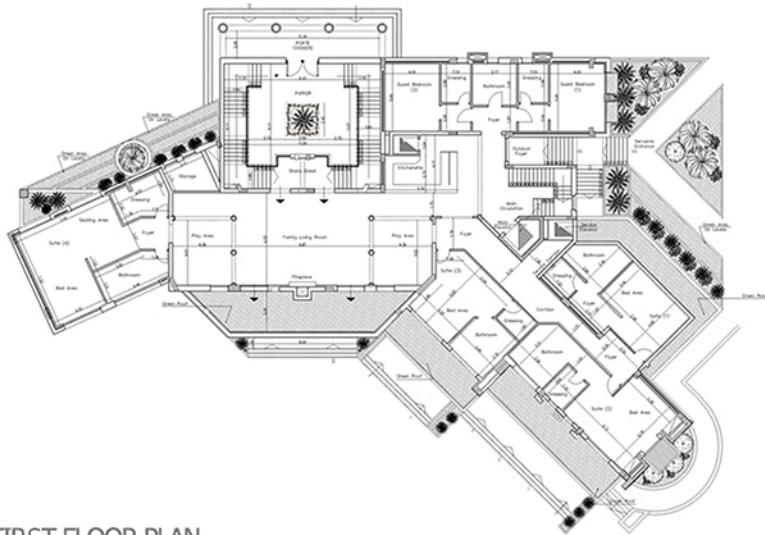
CAD FILES TO BE PRESENTED WHEN NEEDED.

Arch. Mohammed Amin Ali Al-Hagracy Architectural and Interior Designer. Tel. : +20 1006754785  
E-mail : iHagras@Hotmail.com

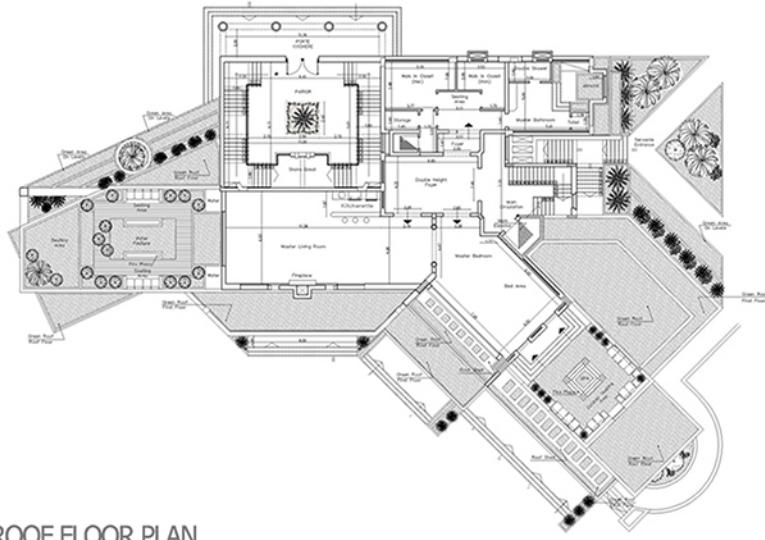
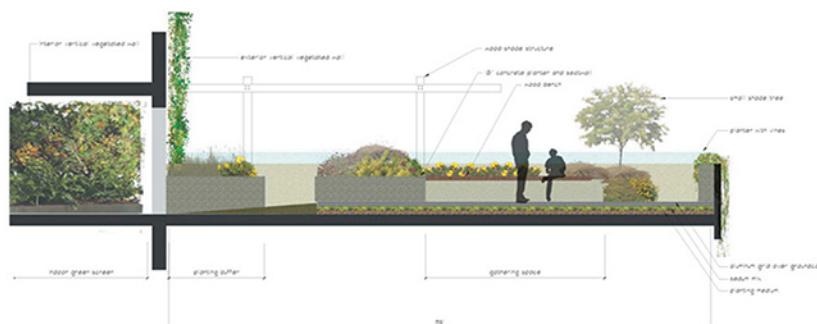
# EUROPEAN REEF AREA Residential Compound



GROUND FLOOR PLAN



FIRST FLOOR PLAN



ROOF FLOOR PLAN

CAD FILES TO BE PRESENTED WHEN NEEDED.

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INTERIOR DESIGN



# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

iD



MEDITERRANEAN STYLE RECEPTION AREA Luxurious House interior design



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt



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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

i



MEDITERRANEAN STYLE RECEPTION AREA Luxurious House interior design



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# INTERIOR DESIGN

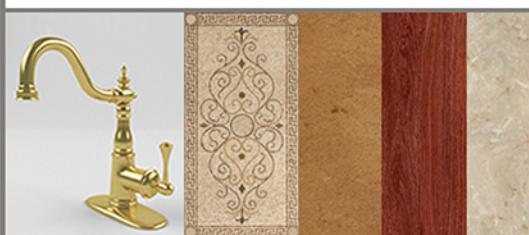
PRIVATE HOUSE  
Cairo, Egypt



MEDITERRANEAN GUEST BATHROOM/POWDER ROOM



FLOOR/WALL Materials



CAD FILES TO BE PRESENTED WHEN NEEDED.

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EUROPEAN STYLE KITCHEN AREA Luxurious House interior design  
LUXURY/ELEGANCE



CAD FILES TO BE PRESENTED WHEN NEEDED.

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## EUROPEAN STYLE DINING AREA Luxurious Houses interior design



LUXURY/ELEGANCE



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

i



EUROPEAN STYLE MAIN ENTRANCE/RECEPTION AREA Luxurious House interior design  
LUXURY/ELEGANCE



CAD FILES TO BE PRESENTED WHEN NEEDED.

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## CONTEMPORARY STYLE LIVING AREA

Luxurious Houses interior design



MATERIALS



CONTEMPORARY STYLE LIVING AREA



FABRICS/GROUND Materials

CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

iD



EUROPEAN STYLE CLASSIC SEATING AREA/OFFICE      Luxurious House interior design  
LUXURY/ELEGANCE



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# MODERN STYLE MORNING KITCHEN Luxurious Houses interior design

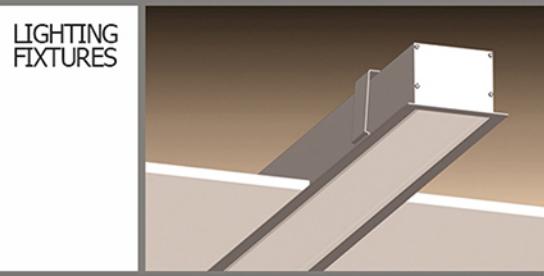


MATERIALS



MODERN STYLE MORNING KITCHEN

LIGHTING FIXTURES



FABRICS/KITCHEN Materials

CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

i



CONTEMPORARY STYLE STAIRCASE AREA   Luxurious House interior design  
LUXURY/ELEGANCE



CAD FILES TO BE PRESENTED WHEN NEEDED.

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## LUXURIOUS CLASSIC STYLE OFFICE

Airport Office (CEO)



CLASSIC STYLE OFFICE/AIRPORT



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

i



MEDITERRANEAN STYLE MASTER BEDROOM Luxurious House interior design



CAD FILES TO BE PRESENTED WHEN NEEDED.

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## MODERN STYLE CHILDREN ROOM

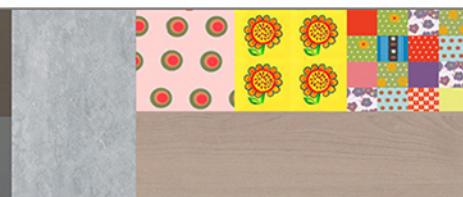
Luxurious House interior design



## MODERN STYLE CHILDREN ROOM



## FABRICS/FLOOR Materials



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

i



MODERN STYLE BEDROOM Luxurious House interior design  
LUXURY/ELEGANCE



FABRICS/WALL Materials

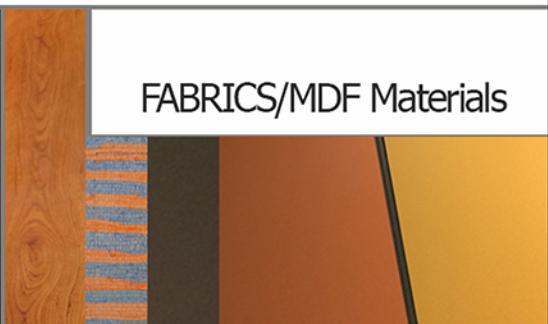
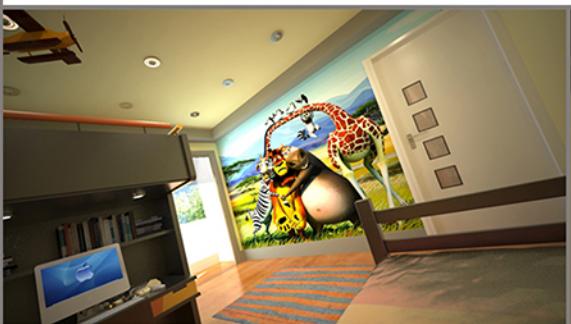
CAD FILES TO BE PRESENTED WHEN NEEDED.

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## MODERN STYLE CHILDREN ROOM Luxurious House interior design



### MODERN STYLE CHILDREN ROOM



#### FABRICS/MDF Materials

CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

i



MODERN STYLE LIVING/KITCHEN

CAD FILES TO BE PRESENTED WHEN NEEDED.

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## MODERN STYLE CHILDREN ROOM

Luxurious House interior design



### NEO-CLASSIC ENTRANCE LOBBY



PORCELAIN/MARBLE Materials



CAD FILES TO BE PRESENTED WHEN NEEDED.

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# INTERIOR DESIGN

PRIVATE HOUSE  
Cairo, Egypt

i



CONTEMPORARY STYLE LIVING/DINING AREA      Luxurious House interior design  
LUXURY/ELEGANCE



CAD FILES TO BE PRESENTED WHEN NEEDED.

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## MANAGEMENT SUITE MOE MAJID AL FUTTAIM



### MANAGEMENT SUITE MOE (MALL OF EGYPT)



FABRICS/WALL Materials

CAD FILES TO BE PRESENTED WHEN NEEDED.

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